Index of Claims

| Application/Co | ontrol No. |
|----------------|------------|
|----------------|------------|

09/943,883

Examiner

Andrew Joseph Rudy

Applicant(s)/Patent under Reexamination

ANDERSON ET AL.

Art Unit

3627

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                        |  | L            | <u> </u>     |          |              |              | J        |  | ш   |                 |
|------------------------|--|--------------|--------------|----------|--------------|--------------|----------|--|---|-----------------|
|                        |  | <del>-</del> |              |          |              | <u> </u>     |          |  |   |                 |
| L CI                   | aim  | ١.           | 1            |          |              | Dat          | e_       |  | т—  |                 |
| 1_                     | ₩<br>m                                       | 712/20 1     |              | 1        |              |              |          |  |   |                 |
| Final                  | Original                                     | 12           |              |          |              |              |          |  |   |                 |
| iI                     | ٦  | <b>1</b>     | 1            |          | l            |              | İ        |  |   |                 |
|                        |  | 46           | <u> </u>     | L        | <u> </u>     | L            | 丄        |  |   |                 |
|                        | 1<br>2<br>3<br>4<br>5                        |              | 1_           |          |              |              |          |  |   |                 |
|                        | 2  | A            |              |          |              |              |          |  |   |                 |
|                        | 3  | П            |              |          |              |              |          | Γ  | Γ   |                 |
|                        | 4  | П            | -            |          |              |              | Г        | П  | Τ   |                 |
|                        | 5  | П            |              |          |              |              |          | П  |   |                 |
|                        | 6<br>7                                       | П            |              |          | П            |              | Π        |  | Π   |                 |
|                        | 7  | Т            | Π            |          | П            | Π            | Π        |  | Т   |                 |
|                        | 8  | V            |              |          |              | Γ            | Т        | Т  | П   | П               |
|                        | 9  | V            |              | T        | Π            | Г            | Π        | Ī  | Τ   | $\sqcap$        |
|                        | 10   | N            |              | Т        | П            | Π            | Τ        | Т  | T   | П               |
|                        | 11   | 1            |              |          | Т            | Г            | Т        | Г  | Т   | $\Box$          |
|                        | 12   | T            |              | 1        | T            | Г            | Τ        |  | 1   | П               |
|                        | 13   | Ħ            | Т            | 1        |              | T            |          |  | T   | П               |
|                        | 14   | 11           | T            | Τ        | T            | 1-           | 1        | Т  | T   | П               |
|                        | 15   | #            | Т            | Т        | Т            | $T^{-}$      | T        | Т  |   |                 |
|                        | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16  | #            | Т            | 1        | 1            | Т            | T        | Т  | 1   | П               |
|                        | 17   | H            | t            | T        | T            | <u> </u>     | 1-       | 1  | t   | $\vdash$        |
|                        | 17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | Ħ            | t            | t        |              | T            | 1        |  | $\vdash$  | $\vdash$        |
|                        | 19   | H            | ╁            | H        | $\vdash$     | Ι-           | t        | ┢  | H   | $\vdash$        |
|                        | 20   | Ħ            | 1-           | 1        | $\vdash$     | $\vdash$     | ╁        | ┢  | <del>                                     </del>  | $\vdash$        |
|                        | 21   | H            | ┢            | ╁        | $\vdash$     | $\vdash$     | ╁        | $\vdash$   | -   | ╁┤              |
|                        | 22   | ╫╴           | ╁            | t        | $\vdash$     | ┢╌           | ┢        | ╁  | ╁╌  | Н               |
| -                      | 23   | ╫            | H            | $\vdash$ | $\dagger -$  | ╁            | $\vdash$ | ┢  | ╁   | ┼╌┤             |
| <u> </u>               | 24   | Н            | -            | ╁        | ╁            | $\vdash$     | ╫        | $\vdash$   | ╁╌  | ╂─┤             |
|                        | 25   | ╫            | ⊢            | $\vdash$ | $\vdash$     | ╁            | ╀╌       | ╁─   | ╁   | Н               |
|                        | 25<br>26<br>27                               | Н            | ┢╌           | ╁─       |              | H            | ⊢        | ⊢  | ╁╌  | H               |
|                        | 27   | 4            | ┝            | ┢        | -            | ┢            | ╁╌       | <del>                                     </del> | ┢   | Н               |
| $\vdash$               | 28   | Ň            | $\vdash$     | -        | $\vdash$     | -            | ╁        |  | $\vdash$  | $\vdash$        |
| -                      | 28<br>29                                     | 10           | ⊢            | ⊢        | -            | ⊢            | -        | ┝  | ╌   |                 |
| -                      | 30   | $\vdash$     | ⊢            | ┢        |              | -            | ╌        | ⊢  | $\vdash$  | Н               |
| -                      | 31   | -            | $\vdash$     | $\vdash$ | -            |              | ├        | ⊢  | $\vdash$  | Н               |
| -                      | 32   | <del> </del> | $\vdash$     | -        | $\vdash$     | $\vdash$     | ├-       | $\vdash$   | -   | $\vdash$        |
| <u> </u>               | 33   | $\vdash$     | -            | -        | -            | ┥            | $\vdash$ | -  | $\vdash$  | $\vdash$        |
|                        | 34   | $\vdash$     | $\vdash$     | $\vdash$ | -            | ├─           | ├        | ⊢  | <del> </del>  | $\vdash$        |
| $\vdash$               | 35   | $\vdash$     | -            | ₩        | $\vdash$     | $\vdash$     | -        | $\vdash$   | ├   | Н               |
|                        | 20   | ⊢            | -            | ╁        | ├            | $\vdash$     | -        | $\vdash$   | <del>                                     </del>  | Н               |
| $\vdash$               | 36<br>37                                     | $\vdash$     | -            | -        | $\vdash$     | $\vdash$     | ╁        | $\vdash$   | -   | $\vdash \vdash$ |
| -                      | 38   | H            | ┢            | $\vdash$ | <del> </del> | ⊢            | ├        | $\vdash$   | $\vdash$  | Н               |
|                        | 39   | $\vdash$     | -            | $\vdash$ |              | -            | ⊢        | <u> </u>   | ├   | Н               |
| $\vdash$               | 40   | -            | $\vdash$     | $\vdash$ | ⊢            | $\vdash$     | $\vdash$ |  | <del> </del>  | Н               |
| $\vdash$               |  | $\vdash$     | <del> </del> | -        | ├—           | $\vdash$     | -        | -  | $\vdash$  | $\vdash$        |
| <del></del>            | 41   | $\vdash$     | $\vdash$     | $\vdash$ | ├-           | ⊢            | ⊢        | ├  | ├—  | Н               |
| $\vdash$               | 42   | $\vdash$     |              | $\vdash$ | <u> </u>     | <del> </del> | ⊢        | <u> </u>   | $\vdash$  | H               |
| $\vdash$               | 43   | $\vdash$     | <u> </u>     | <u> </u> | <u> </u>     | $\vdash$     |          | <u> </u>   | ├—  | Н               |
|                        | 44   | $\vdash$     | <u> </u>     | $\vdash$ | <u> </u>     | <u> </u>     | $\vdash$ | <u> </u>   | <u> </u>  | Щ               |
| $\vdash \vdash \vdash$ | 45   | Щ            | <u> </u>     | $\vdash$ | <u> </u>     | <u> </u>     | $\vdash$ | L_   | Щ   | Ш               |
| $\vdash \vdash$        | 46   | Ш            | _            | <u> </u> | <u> </u>     | _            | <u> </u> | <u> </u>   | <u> </u>  | Щ               |
| $\vdash \vdash$        | 47   |              | L.           |          | _            | Щ.           | L        | L  | $ldsymbol{le}}}}}}$ | Ц               |
| Щ                      | 48   |              | L_           | L        | L            | L            | _        | Ш  | <u> </u>  | Щ               |
| $\sqcup$               | 49   | Ш            |              | L        | $\Box$       | Ш            |          | L  |   | Ш               |
| Ll                     | 50   |              |              |          |              |              |          |  |   |                 |

| Cla  | aim      | Γ            | _            |              |              | Dat  | е              |              |              |              |
|--|----------|--------------|--------------|--------------|--------------|--|----------------|--------------|--------------|--------------|
|  |          | П            |              |              | Г            | Ι"   | Γ.             |              | Т            | Т            |
| Final  | Original |              |              | ė            |              |  |                |              |              |              |
| -  | 51       | ╀            | ╀            | ╀            | ┢            | ╀╌   | ╀┈             | ╁╌           | ╁            | ┼-           |
| -  | 52       | ╁            | $\vdash$     | ╁            | +            | +-   | ╁╌             | ╁            | ╁╌           | +-           |
| -  | 52<br>53 | ⊢            | ┿            | ╁╴           | +-           | ╁╌   | ╁              | ┼            | ╁╾           | ╁            |
| <b>-</b>   | 54       | ╁            | ╁            | ╀            | ╀╌           | ╁  | ╁              | ⊢            | ╁            | ╆            |
| <b></b>  | 55       | ╁            | ⊢            | ╁            | ┿            | ╁  | -              | ╁┈           | +-           | ╀╌           |
| <u> </u>   | 55       | ⊢            | ╀            | ┼-           | ╁            | ╀  | <del> </del>   | ╀            | ╁            | ╄            |
|  | 56       | ├-           | ┼            | ┼            | ╀╌           | ╄  | ╄              | ╀            | ╁            | ╄            |
|  | 57<br>58 | ⊦-           | ╄            | ╁            | ╀            | ⊢  | ⊢              | ╀            | ┾╌           | +            |
| <u> </u>   |          | -            | <del> </del> | -            | ╀            | ⊢  | ╀              | ⊢            | ┢            | ┼            |
|  | 59       | ₩.           | ╄            | ₩            | ⊢            | ╀  | ⊢              | ⊢            | ╁            | ┼-           |
| <b>—</b>   | 60       | ┢            | ⊢            | $\vdash$     | -            | ╀  | ╁              | <u> </u>     | ╁            | ╄            |
|  | 61       | ├-           | ┼            | ╁            | ╀            | $\vdash$   | ╀              | ₩-           | ┼            | +-           |
|  | 62       | ⊢            | ⊬            | ┼            | ┼            | $\vdash$   | $\vdash$       |              |              |              |
| $\vdash$   | 63       | <del> </del> | ⊢            | $\vdash$     | ⊢            | -  |                | <b>├</b>     | -            | -            |
|  | 64       | ⊬            | -            | $\vdash$     | <del> </del> | ⊢  | ₽-             | -            | ╀            | ╀            |
| -  | 65       | $\vdash$     | ⊢            | ╀            | ╀            | ├-   | 1-             | <del> </del> |              | ╀            |
| $\vdash$   | 66       | ├            | ⊢            | ⊢            | ╄            | ├-   | ┢              | -            | ├            | -            |
| <u> </u>   | 67       | ⊢            | ├            | ╀            | ├-           | ├-   | ├              | -            | ┝            | -            |
|  | 68       | ⊢            | ├            | ₩            | ┝            | -  | <del>  -</del> | ├            | ⊢            | ⊢            |
|  | 69       | ┢            | ├-           | ├            | -            | ⊢  | ┢              | -            | _            | ļ            |
|  | 70       | ┢            | ├            | ⊢            | ╄            | ⊢  | ├              | <u> </u>     | ├            | -            |
|  | 71<br>72 | -            | <u> </u>     | -            | ┡            | -  | <u> </u>       | ├-           | ├            | -            |
|  | 72       | -            | -            |              | <del> </del> | ⊨  | ┢              | ├            | ├            | -            |
|  | 73       |              | -            | ╆            | ┢            | ⊢  | ├-             | ⊢            | ├            | ├            |
|  | 74<br>75 | H            |              | ┢            | <del> </del> | ├  | ┢              |              | ⊢            | ⊢            |
| -  | 76       | -            | ├            | ┢            | ┢            | -  | -              | -            | ⊢            | $\vdash$     |
| $\vdash$   | 77       | $\vdash$     | ⊢            | ⊢            | ┝            | ├-   | -              | ⊢            |              | ┢            |
| -  | 78       | ⊢            | ├-           | ╁            | ├-           | ⊢  | ⊢              | ⊢            | ┢            | <del> </del> |
| $\vdash$   | 79       | ⊢            | ⊢            | ├            |              | -  | -              | ├            | $\vdash$     | ⊢            |
| <b> </b>   | 80       | -            | -            | ╁            |              | -  | -              | ⊢            | ⊢            | ├            |
| <del></del>                                      | 81       |              | -            | ⊢            | ├            | <del> </del>                                     |                | -            |              | ┝            |
| <del></del>                                      |          | -            |              | ├            | ⊢            |  | -              | ⊢            |              | ⊢            |
| $\vdash$   | 82<br>83 | -            | -            |              | ⊢            | ⊢  | ⊢              | $\vdash$     | -            | ├            |
| $\vdash$   | 84       | ├            | ⊢            | -            | ⊢            | $\vdash$   | $\vdash$       | $\vdash$     | <del> </del> | ├            |
| $\vdash$   | 85       | $\vdash$     | $\vdash$     | $\vdash$     | -            | $\vdash$   | -              | ├            | ⊢            | ╁            |
| $\vdash$   | 86       |              | $\vdash$     | $\vdash$     | $\vdash$     | -  | ╁              | ├-           | ⊢            | ╁            |
| $\vdash$   | 87       | ├            | $\vdash$     | $\vdash$     | $\vdash$     | -  | -              | ├            | $\vdash$     | ⊢            |
| <del>                                     </del> | 88       | $\vdash$     | -            | $\vdash$     | -            | <del>                                     </del> | $\vdash$       | $\vdash$     | -            | $\vdash$     |
| $\vdash$   | 89       | $\vdash$     | ├            | <del> </del> | ├            | $\vdash$   | $\vdash$       | ⊢            |              | -            |
| $\vdash$   | 90       |              | <u> </u>     |              | ⊢            | $\vdash$   | $\vdash$       | -            | $\vdash$     | $\vdash$     |
| $\vdash$   | 91       | $\vdash$     | ⊢            | ╁            | ⊢            | ⊢  | ├              | $\vdash$     | $\vdash$     | $\vdash$     |
| $\vdash$   | 92       | H            | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       |              | $\vdash$     | $\vdash$     |
| $\vdash$   | 93       |              | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$     | -            |
| $\vdash$   | 94       | -            | H            | $\vdash$     | -            | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$     |
| $\vdash$   | 95       |              | -            | $\vdash$     | -            |  | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$     |
| $\vdash$   | 96       | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | Η-             | <del></del>  | $\vdash$     | ┢            |
| $\vdash$   | 97       | -            | -            | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       | <u> </u>     | $\vdash$     | $\vdash$     |
| <del>                                     </del> | 98       |              | -            |              | <b>-</b>     | $\vdash$   | -              | $\vdash$     |              | $\vdash$     |
| <del>                                     </del> | 99       |              |              |              |              |  | _              | _            |              |              |
| $\vdash \vdash \vdash$                           | 100      |              |              | Н            | $\vdash$     | $\vdash$   |                | _            | _            | $\vdash$     |
|  |          |              |              |              |              |  |                |              |              |              |

| Claim Date |  |          |          |              |              |  |                                     |  |  |                 |
|------------|--|----------|----------|--------------|--------------|--|-------------------------------------|--|--|-----------------|
|            | 1  |          |          |              |              | Γ  | Г                                   | П  | Γ  | П               |
| 교          | Original   |          |          |              |              |  | 1                                   |  |  |                 |
| Final      | rig  |          | ŀ        | İ            | i            | 1  |                                     |  |  |                 |
|            | 0  |          | ŀ        | Ì            |              |  |                                     |  | 1  |                 |
|            | 101  | _        | $\vdash$ | $\vdash$     | 一            | 十  | ╁╴                                  | <del>                                     </del> | $\vdash$   | $\vdash$        |
|            | 101<br>102   | Н        | H        | H            | H            | t  | 十                                   | ┢  | ┢  | $\vdash$        |
| $\vdash$   | 103  | -        |          | ┢            |              | $\vdash$   | -                                   | ┢  | ┢╌   | Н               |
|            | 103  | $\vdash$ | ┢        | ┢            |              | $\vdash$   | -                                   | ╁  | ╁  | ╁╌┤             |
| _          | 104<br>105   | —        | ⊢        | ⊢            | -            | -  | ┢                                   | ┢  | $\vdash$   | $\vdash$        |
| _          | 105  | _        | ⊢        | ⊢            | <del> </del> | ├  | ⊢                                   | ⊢  | ⊢  | <del>├</del> ┤  |
| -          | 106<br>107   |          | ⊢        | ├            | -            | ├  | ⊢                                   | ⊢  | ⊢  | ₩               |
|            | 107  | <u> </u> | ⊢        | ⊢            | H            | $\vdash$   | ├                                   | <del> </del>                                     | ₩  | ┈┤              |
| $\vdash$   | 108  |          | ⊢        | ⊢            | H            | ├-   | $\vdash$                            | ├-   | ⊢  |                 |
|            | 109<br>110   |          | ⊢        | ├—           |              | ├  | -                                   | -  | ├  | Н               |
| <b></b>    | 110  |          | <u> </u> | ⊢            | <u> </u>     | ⊢  | ├                                   | ⊢  | ⊢  | Н               |
|            | 111  |          | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>   | ļ                                   | <u> </u>   | _  | Ш               |
| <u> </u>   | 112<br>113   |          | ļ        | L            | <u> </u>     | $ldsymbol{oxed}$                                 | <b>Ļ</b> _                          |  |  | Ш               |
| لسا        | 113  |          | <u> </u> | L_           | L_           | _  |                                     | $\vdash$   | L  | Ш               |
| L          | 114<br>115   |          | <u> </u> |              |              |  | L_                                  | _  |  | Ш               |
| <u> </u>   | 115  |          |          | $oxed{oxed}$ | $oxed{oxed}$ | L  |                                     | Ľ  | L  | Ш               |
|            | 116  |          |          | L            |              |  | L                                   | L  |  | Ш               |
|            | 117<br>118   |          |          |              |              |  |                                     |  |  |                 |
|            | 118  |          |          |              |              |  |                                     |  |  |                 |
|            | 119  |          |          |              |              |  |                                     |  |  |                 |
|            | 120  |          |          |              |              | Г  |                                     |  |  | 1               |
|            | 121  |          |          |              |              | Г  |                                     |  | -  | П               |
|            | 122  |          |          |              | $\Box$       | $\vdash$   | T                                   |  |  | П               |
|            | 123  |          |          |              |              |  |                                     |  |  | П               |
|            | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 |          | _        | $\vdash$     |              | <del>                                     </del> | $\vdash$                            | _  | $\vdash$   | Н               |
|            | 125  |          |          | $\vdash$     | _            | $\vdash$   | $\vdash$                            | H  | <del>                                     </del> | H               |
|            | 126  | _        | _        | $\vdash$     | _            | ┢  | -                                   |  | $\vdash$   | H               |
|            | 127  | =        | _        | $\vdash$     | -            |  | $\vdash$                            | $\vdash$   | $\vdash$   | Н               |
|            | 128<br>129<br>130                                    |          |          | H            |              | $\vdash$   | <del> </del>                        | $\vdash$   |  | Н               |
| $\dashv$   | 120  | -        |          | $\vdash$     |              | ┝┈   | H                                   | -  | $\vdash$   | $\vdash$        |
|            | 120  | -        | -        |              |              | ┝  | $\vdash$                            | -  |  | Н               |
| -          | 130  | $\dashv$ | _        | -            |              |  | $\vdash$                            |  |  | -               |
|            | 131  | _        | -        |              | _            | ├  | $\vdash$                            | -  | $\vdash$   | Н               |
|            | 132  | 1        |          | Н            |              | <u> </u>   | ⊢                                   | <u> </u>   | H  | Н               |
| $\vdash$   | 131<br>132<br>133<br>134<br>135                      | $\dashv$ |          | Н            |              | <u> </u>   | <del> </del>                        | $\vdash$   | -  | Н               |
|            | 134  | -        |          | $\vdash$     |              | $\vdash$   | Η.                                  | <u> </u>   | <u> </u>   | $\vdash \vdash$ |
| <b></b>    | 130  | _        |          | Н            | _            | <u> </u>   | $\vdash$                            |  | $\vdash$   | Н               |
|            | 136<br>137   | _        |          | $\vdash$     | _            | <u> </u>   | $\vdash$                            | <u> </u>   | Ь.   | $\vdash$        |
| <b></b>    | 13/  |          | _        | <u> </u>     |              | <u> </u>   | <u> </u>                            | <u> </u>   | Н  | Ш               |
|            | 138  | _        |          | Щ            |              | <u> </u>   | <u> </u>                            | <u> </u>   | $\vdash$   | Щ               |
|            | 139  | i        |          | Ш            |              | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | $\sqcup$   | Ш               |
|            | 140  | _        |          | $\sqcup$     |              |  |                                     |  |  | Щ               |
|            | 141  |          |          | Ш            |              | L_   | Ш                                   |  |  | Ц               |
|            | 142  |          |          |              |              | L_   | Ш                                   |  |  | Ш               |
|            | 143  | _        |          |              |              | Ш  |                                     |  |  | Ш               |
|            | 144  |          |          |              |              |  |                                     |  |  | Ш               |
|            | 145  |          |          |              |              |  |                                     |  |  |                 |
|            | 146  |          |          |              |              |  |                                     |  |  |                 |
|            | 147  |          |          |              |              |  |                                     |  |  |                 |
|            | 148  | ╗        |          |              |              |  |                                     |  |  |                 |
|            | 149  |          |          | 7            |              |  |                                     |  |  | $\neg$          |
|            | 150  |          | $\neg$   | 寸            |              |  |                                     | $\neg$   |  | $\neg$          |
|            |  |          |          |              |              |  |                                     |  |  |                 |